Shown on this page is a copy, 77% full size, of the original framed "DIRECTIONS FOR THE CARE OF A TOWER CLOCK" that hang on the sixth level of the tower of Carbondale City Hall.

DIRECTIONS
FOR THE CARE OF A TOWER CLOCK.

Wind the clock at a uniform time, once a week, being careful to put the pin in the stud after the key is put on to it, on the clocks that are arranged to be wound in this manner. Where the winding stud is square there is no provision made for this pin.

To set the clock on time, pull out the pin that goes through the centre-wheel, and into a hole in a plate that has 60 holes, each representing a minute of the hour; hold the pin out, while with the other hand take hold of the bevel-wheel on the lower end of the perpendicular shaft, connected with the dial-wheels above, and turn until the pointer at one of the bevel-wheels at the top of the clock indicates the desired time, then let the pin fall into the hole opposite it. If it be a striking clock, and the time for striking has to be passed when setting, wait at that point of striking, until the clock finishes striking, before moving farther. If the clock is a few minutes too fast, wait until the clock shows twenty (20) minutes past the hour, and then turn the clock backwards to the true time.

TO REGULATE.

To make the clock go faster, turn the nut at the top of the pendulum the side towards you to the LEFT. To make it go slower, turn the nut at the top of the pendulum, the side towards you to the RIGHT. One whole turn of this nut will vary the rate of the clock about one half of a minute in 24 hours.

OILING.

The pallets where they slide on the teeth of the escape wheel, and the pivots throughout the clock, should be examined as often as every two months; and whenever there appears to be an absence of oil, they should be well oiled, first wiping off any dirt, dirty or gummy oil that may have collected. Use cotton cloths for wiping, and be particular and not leave any lint on any of the parts wiped. On striking clocks, oil the rack slide screws, and be sure that the slide is always free and smooth in moving. Apply vaseline to the lifting cams that operate lever to pull the bell hammer.

Keep weight cables greased by rubbing them with piece of hard tallow.

Well oiled, means oiled with the proper kind of oil, and as much put on as can be applied, and not run off from the parts oiled. Great care must be used in procuring the proper oil. We always keep in stock a supply of tower clock oil in packages convenient for use.

All the pivots and movable bearings about the dial works, and their connections to the clock, should be gotten at, and have the same attention and oiling as the movement, except the pulley sheaves.

PULLEY SHEAVES.

The bearings of the sheaves should be oiled once each three months, at least, with clock oil. The oil hole for the bearings of the sheaves is in the square end of the pulley pin just outside of the pulley frame and on the upper side of the square. The bearing is hollow and will hold considerable oil. FILL IT FULL.

THE E. HOWARD CLOCK CO.

NEW YORK BOSTON CHICAGO

U. S. A.